

Page 4: line 10, delete "several antennas";  
line 22, after "system" insert --is  
provided--.

Page 5: line 16, change "and powering sensors and actuators" to --  
and/or powering of such sensors and actuators located on or within a  
structure--;

line 17, change "structure" to --sensors and actuators--.

Page 11: line 24, after "half" insert --the--.

Page 12: line 1, change "properly situated in order" to --such so as--.

Page 13: line 23, change "Fig. 6" to --Figs. 6A and 6B--.

Page 14: line 2, change "Further" to --More particularly--;  
same line, change "includes" to --may include--.

Page 15: line 8, change "40" to --410--;  
line 20, change "is" to --may be--.

Page 16: line 5, change "420" to --410--;  
line 14, change "antenna," to  
--antenna--.

Page 18: line 7, change "564" to --504--;  
line 15, change "This non-linear function" to --The non-

linear function of the element 508--.

#### IN THE CLAIMS

Amend claims 1, 2, 3, and 5-10 by rewriting the same as follows:

--1. (Amended) A wireless communication system comprising:

a number of sensors each having an antenna and being located on or  
within an element, each [of said sensors] sensor being adaptable to detect [a]  
at least one respective predetermined characteristic of said element; and  
control transceiver means, operable to communicate in a wireless manner  
with said number of sensors, for supplying a power signal to a desired number  
of said sensors so as to activate each respective antenna thereof and enable  
the desired sensor or sensors to detect the respective at least one  
predetermined characteristic and to transmit an output signal indicative of  
the detected respective at least one characteristic to said control  
transceiver means--.